70316

# MYCOLOGIA

VOLUME VII, 1915

PUBLISHED BY THE AID OF THE
DAVID LYDIG FUND
BEQUEATHED BY CHARLES P. DALY

# MYCOLOGIA

IN CONTINUATION OF THE JOURNAL OF MYCOLOGY

Founded by W. A. Kellerman, J. B. Ellis, and B. M. Everhart in 1885

EDITOR

WILLIAM ALPHONSO MURRILL

Volume VII, 1915

WITH 23 PLATES AND 13 FIGURES

ASSOCIATE EDITORS

JOSEPH C. ARTHUR
HOWARD J. BANKER
GIACOMO BRESADOLA
FREDERIC E. CLEMENTS
JOHN DEARNESS
FRANKLIN S. EARLE
BRUCE FINK
ROBERT A. HARPER
THOMAS H. MACBRIDE
GEORGE MASSEE
NARCISSE PATOUILLARD
LARS ROMELL
FRED J. SEAVER
CORNELIUS L. SHEAR

---

PUBLISHED BIMONTHLY FOR
THE NEW YORK BOTANICAL GARDEN
By THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

THREE DOLLARS A YEAR

PRESS OF
THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

505 M99
v.7 c.1

# TABLE OF CONTENTS

No. 1. JANUARY

PAGE

A Timber Rot Accompanying Hymenochaete rubiginosa (Schrad.) Lév., by H. P. BROWN ..... 1
Structural Parallelism between Spore-forms in the Ascomycetes, by C. R. ORTON ..... 21
The Taxonomic Value of Pore Characters in the Grass and Sedge Rusts, by J. C. ARTHUR and F. D. FROMME ..... 28
A Parasitic Species of Claudopus, by HARRY MORTON FITZPATRICK ..... 34
New Species of Colletotrichum and Phoma, by P. J. O'GARA ..... 38
Lind's Work on the Rostrup Herbarium, by LARS ROMELL ..... 42
A New Bolete from California, by WILLIAM A. MURRILL ..... 44
News, Notes and Reviews ..... 45
Index to American Mycological Literature ..... 51

No. 2. MARCH

William Wirt Calkins, Amateur Mycologist, by BRUCE FINK ..... 57
Cultures of Uredineae in 1912, 1913, and 1914, by J. C. ARTHUR ..... 61
Photographs and Descriptions of Cup-fungi—I. Peziza, by FRED J. SEAVER ..... 90
The Structure and Development of Secotium agaricoides, by HENRY S. CONARD ..... 94
The Genus Lepista, by WILLIAM A. MURRILL ..... 105
Marking Types in the Mycological Herbarium, by WILLIAM A. MURRILL.. 108
News and Notes ..... 109
Index to American Mycological Literature ..... 113

No. 3. MAY

Illustrations of Fungi—XX, by WILLIAM A. MURRILL ..... 115
Notes on Cryptoporus volvatus, by SANFORD M. ZELLER ..... 121
The Effect of Continued Desiccation on the Expulsion of Ascospores of Endothia parasitica, by F. D. HEALD and R. A. STUDHALTER ..... 126
Luminescence in the Fungi, by WILLIAM A. MURRILL ..... 131
The Pencillium Luteum-purpurogenum Group, by CHARLES THOM ..... 134
Studies in Porto Rican Parasitic Fungi—I, by ESTHER YOUNG ..... 143
Fungi Edible and Poisonous, by WILLIAM A. MURRILL ..... 151
News, Notes and Reviews ..... 155
Index to American Mycological Literature ..... 159

No. 4. JULY

Illustrations of Fungi—XXI, by WILLIAM A. MURRILL ..... 163
Uredinales of Porto Rico Based on Collections by F. L. Stevens, by J. C. ARTHUR ..... 168

Illustrations and Descriptions of Cup-Fungi—II. Sepultaria, by FRED J. SEAVER ..... 197
A New Fungus, Phialophora verrucosa, Pathogenic for Man, by E. M. MEDLAR ..... 200
Tests on the Durability of Greenheart (Nectandra Rodiaei Schomb.), by C. J. HUMPHREY ..... 204
Observations on Herpotrichia nigra and Associated Species, by FRED J. SEAVER ..... 210
News and Notes ..... 212
Index to American Mycological Literature ..... 217

No. 5. SEPTEMBER

Illustrations of Fungi—XXII, by WILLIAM A. MURRILL ..... 221
Uredinales of Porto Rico Based on Collections by F. L. Stevens, by J. C. ARTHUR ..... 227
The Genus Clitocybe in North America, by WILLIAM A. MURRILL ..... 256
Penicillium avellaneum, a New Ascus-producing Species, by CHARLES THOM and G. W. TURESSON ..... 284
News and Notes ..... 288
Index to American Mycological Literature ..... 293

No. 6. NOVEMBER

Preliminary List of Upper St. Regis Fungi, by WILLIAM A. MURRILL ..... 297
The Ferax Group of the Genus Saprolegnia, by A. J. PIETERS ..... 307
Uredinales of Porto Rico Based on Collections by F. L. Stevens, by J. C. ARTHUR ..... 315
Some Porto Rican Parasitic Fungi, by PHILIP GARMAN ..... 333
Index to American Mycological Literature ..... 341